



## **VOL-HF**

### Quick Start Installation Guide for Volvo Bluetooth Hands-Free, Audio Streaming Adapter **2005-Up with AUX input audio Mode only.**

Created: August 2018  
Revised: January 11, 2019

## Introduction:

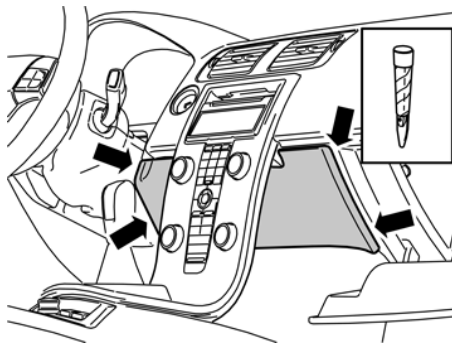
Many 2005-Up Volvos include Auxiliary jack, Satellite Radio, Bluetooth hands-free options however; if your Volvo does not have Bluetooth but radio is AUX Ready, the VOL-HF kits adds Bluetooth hands-free calling, Bluetooth Audio streaming, USB Charging AUX jack retention (if so equipped)— Pair Smartphone, Tablet, Kindle and more and enjoy Bluetooth feature without changing the factory Radio.

The VOL-HF works only on radios with **“AUX Audio Input”** mode. For verification, press “MODE” button repeatedly until “AUX Audio Input” is displayed. **Radios with “CD” button are not compatible.**

## Installation:

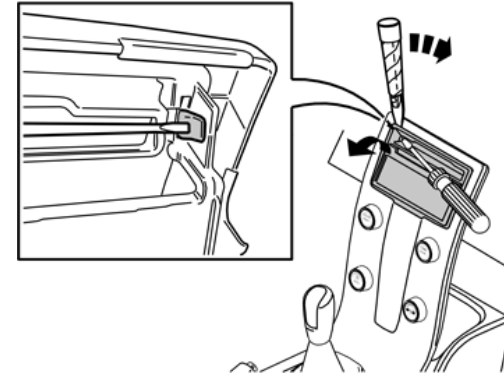
To install, user must gain access to the back of the CD player.

1. Detach the panel at the rear edge of the center console:  
Use a plastic dash removal tool to pry loose the panel. Panel is secured by a catch on each short side. See **Fig. 1**



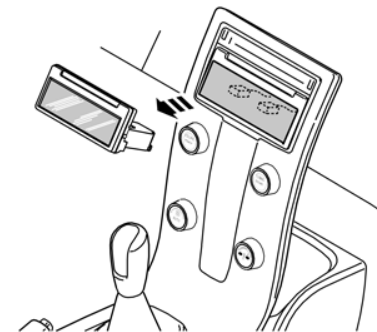
**Fig. 1**

2. Remove surround around the display and media player:  
Use a small screwdriver and press in the catches on upper corners. Carefully prize the surround away on one side using a plastic dash removal tool. Fold the surround backwards into the vehicle. Pull the surround up until it detaches. (See **Fig. 2**)



**Fig. 2**

3. Press out the display module from reverse side of the center console. Press straight out using both hands. Disconnect the two plugs. Put the display to one side. (See **Fig. 3**)



**Fig. 3**

4. Remove (2) screws (Torx 25) holding the center console to dashboard. Remove green plug on the reverse side of climate control panel. Remove center console from the dashboard (See Fig. 4)

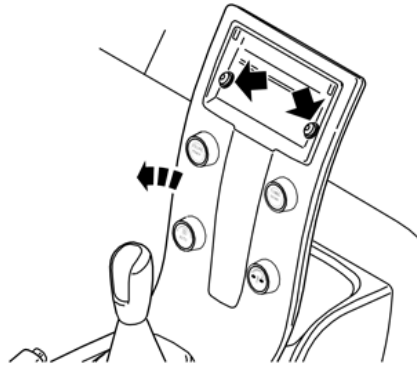


Fig. 4

5. Detach panel at the rear edge of center console:  
Use a plastic dash removal tool to pry loose the panel. Panel is secured by a catch on each short side. Remove panel to access the two screws underneath.

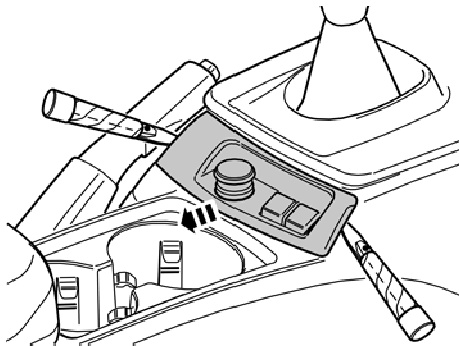


Fig. 5

6. Remove the two screws (Torx 25) holding center console at rear edge (See Fig. 6)

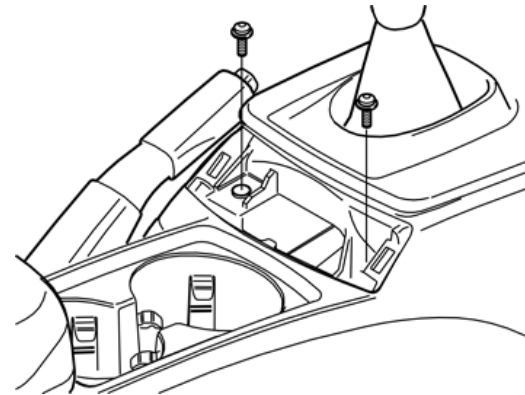


Fig. 6

**Note:** Vehicles with updated dashboard or any without a panel at the rear edge of the center console (e.g. 2008+ models), must skip step 5 and move to step 5, otherwise move to step 13.

7. Remove storage compartment (See Fig. 7)

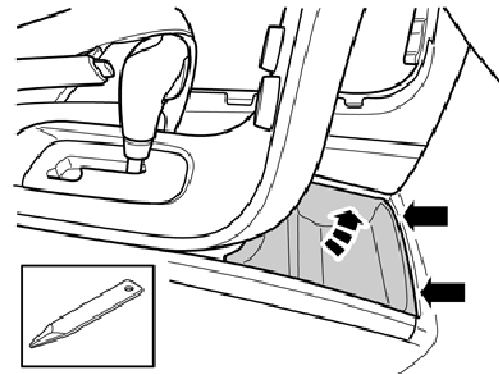
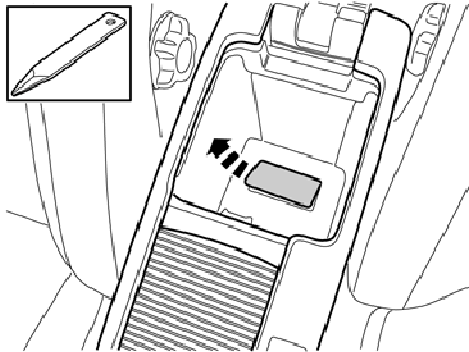
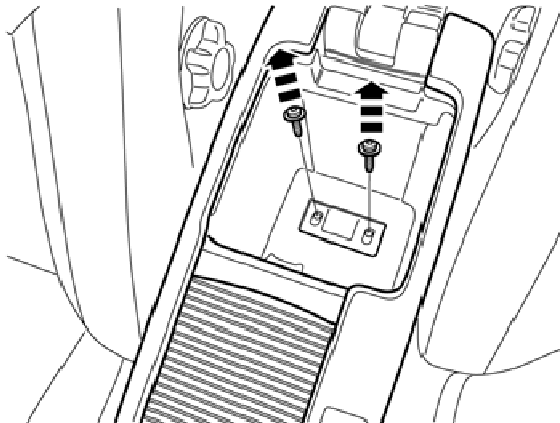


Fig. 7

8. Remove cover in rear storage compartment and remote two screws (Torx 25) (See **Fig. 8 & 9**)

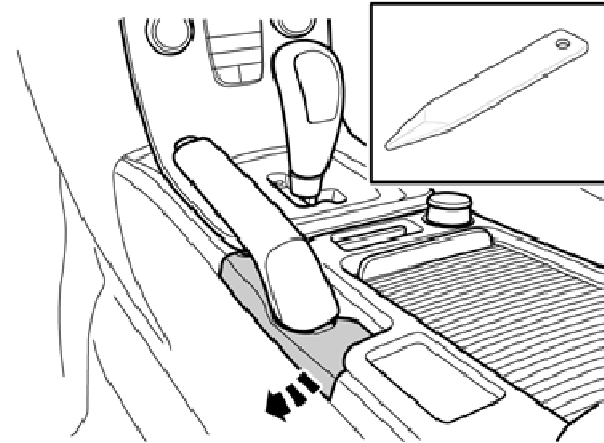


**Fig. 8**



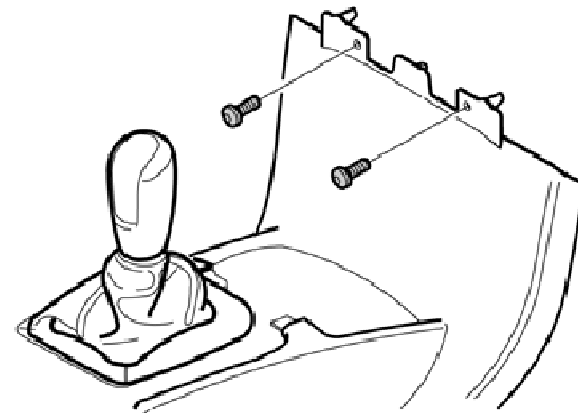
**Fig. 9**

9. Carefully blend loose and remove the hand-brake lever's panel (See **Fig. 10**)



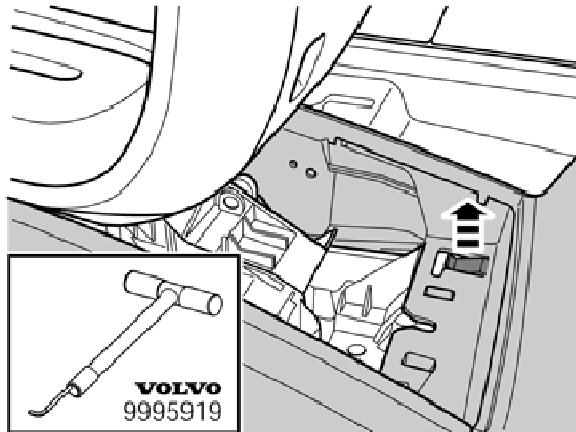
**Fig. 10**

10. Remove two screws from top edge of center console (See **Fig. 11**)

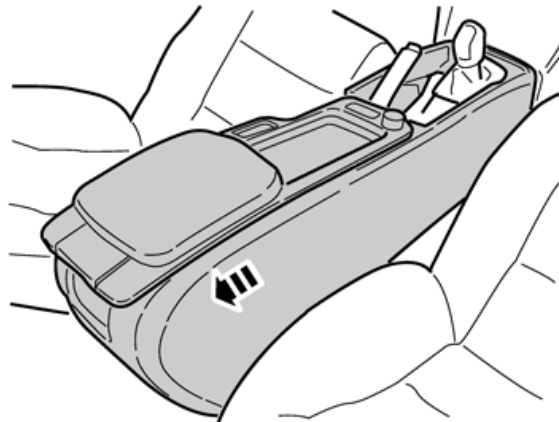


**Fig. 11**

11. Carefully pry up the lock catch using pry tool or similar (See **Fig. 12**). At the same time, slide the whole tunnel console backwards so that the two rear screws in the center console's panel can be accessed. console (See **Fig. 13**)

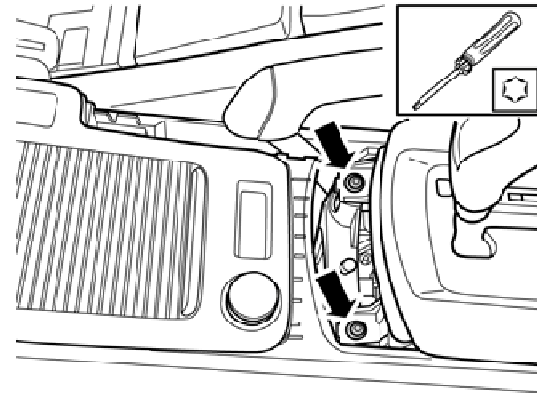


**Fig. 12**



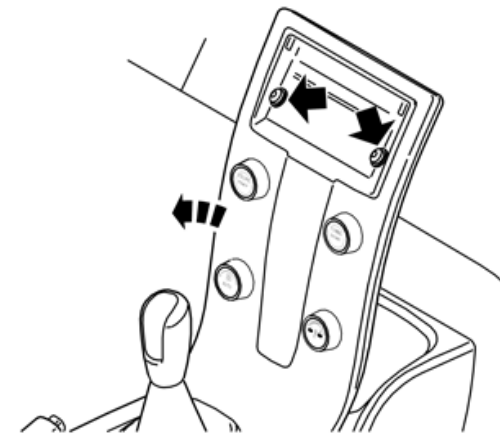
**Fig. 13**

12. Remove two screws (Torx 25) as seen in **Fig. 14**.



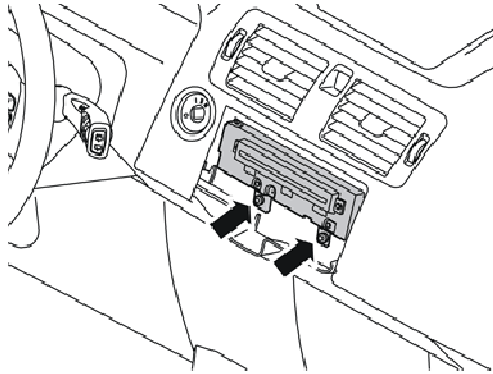
**Fig. 14**

13. Remove panel from dashboard and center console (See **Fig. 15**)



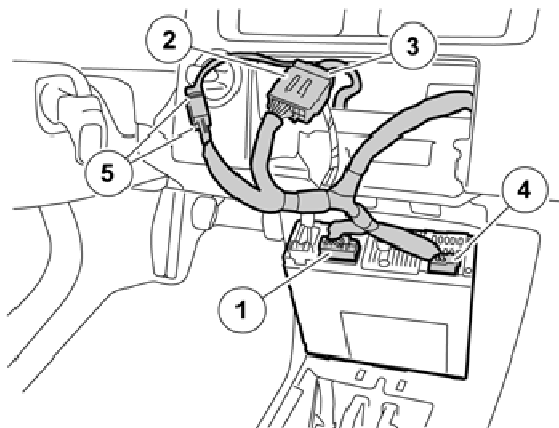
**Fig. 15**

14. Remove the two screws (Torx 25) from securing CD player to dash.



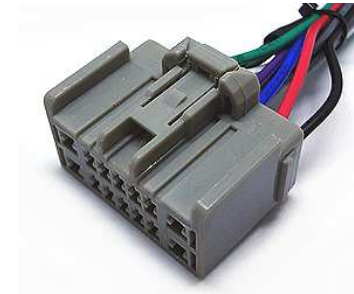
**Fig. 16**

15. Pull out the CD player and disconnect the gray 14-pin plug on the rear side. (it is not necessary to disconnect fiber or antenna cables)
16. Disconnect the power/speaker plug (1) from CD player (See **Fig. 17**)



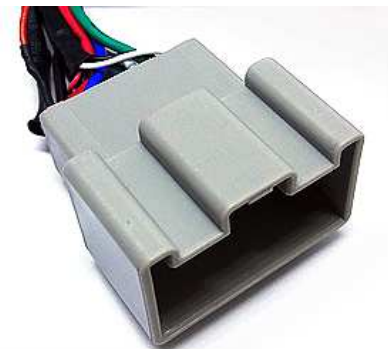
**Fig. 17**

17. Connect 14-pin Male plug (**See Fig. 18**) from adapters installation harness to slot vacated on CD player in step 16. Ensure plug is pushed in until snug otherwise front left speaker might play intermittently.



**Fig. 18**

18. Connect factory 14-pin Male plug (removed in step 16) to mating connector on installation harness (**See Fig.19**)



**Fig. 19**

19. Connect/Tap Red wire to accessory supply only. They are no accessory supply wires on the CD player plug, however we recommend using the supply wire on cigar lighter plug.

20. Plug control/microphone (See **Fig . 20**) to Bluetooth Module input labelled “MI” (See **Fig. 23**)



**Fig. 20**

Control button/Microphone

21. Consider where to install control/mic button. Keep in mind the control button must be within reach of the driver and facing driver for voice commands and phone dialog (cable is 6ft. long). **We recommend completing the rest of the install prior to securing the control/mic button to the dash.** Once you decide on a location simply remove tape backing from control /mic button



Make sure no ventilation duct is pointed towards the mic.  
It is best to mount button facing driver

Your Bluetooth Module includes a USB Charging port. Should you decide to use it, we suggest one of 3 connecting options:

- A. Flush to dash/panel requires drilling a 3/4” hole in the dash**
- B. Flush with Support bracket** (use this option to mount USB terminal wherever your installation demands without drilling)
- C. No USB Mount-** (default)

**A. Flush to Dash or Panel (drilling required)**

1. Drill a 3/4” hole in the dash or panel using a step drill bit or equivalent (See **Fig. 21**)



**Fig. 21**

Step drill bit

2. Insert the 3ft. USB cable male terminal (See **Fig. 22**) through the 3/4” hole created in step 1 and connect to USB port on Module (See **Fig. 23**)



**Fig. 22**

Flush mount 3 ft. USB cable



**Fig. 23**

Module ports

3. Push USB head ( See **Fig. 24**) until it snaps in place and flush with mounting surface (See **Fig. 25**)



**Fig. 24**

Flush mount USB Terminal



**Fig. 25**

Flush mounted to dash

4. Tuck and secure any extra wire from moving parts and test operation

## B. Bracket Mount (No drilling)

1. Locate a flat surface at location of choice within 3.2 ft. of radio and mount USB support bracket (See **Fig. 26**) to surface using adhesive/tape or screws.



**Fig. 26**

USB mounting bracket

2. Insert USB male terminal through hole in bracket (See **Fig. 27**) and connect to USB port on Module (See **Fig. 23**)



**Fig. 27**

3. Push USB until it snaps in place and flush (See **Fig. 28**)



**Fig. 28**

4. Secure USB to dash with screws (included) or adhesive.



5. Tuck and secure any extra wire away from moving parts and test operation (*See Bluetooth Pairing and Connection*)

## Bluetooth Pairing and Connection

This process is required the first time you use the VOL-HF. After initial pairing, the VOL-HF will automatically reconnect with the paired phone upon entering the vehicle.

1. Turn the vehicle ignition to “ON”. (Red LED inside module will begin to flash)
2. Access your Smartphone Bluetooth menu settings, and search (scan) for devices.
3. Select G2 and click “Connect”



**Note:** Supports multiple phones but connects to only one phone at a time.

**Warning!** Caller ID and text display are **not possible** Changer mode. Operating Bluetooth device is by pressing the control button and your Voice Recognition application. Use the factory radio volume button to control playback level. Radio steering wheel buttons (other than volume controls) are not applicable.

## Test Operation

1. Reconnect two plugs to display module and position climate control panel so to connect green plug.
2. Turn ignition to position II
3. Turn radio “ON” and press “MODE” button until “AUX Audio input” is displayed. (See. **Fig. 29**).



**Fig. 29**

*Radio must be in AUX Mode for Bluetooth module to operation.*

4. Use Radio or steering wheel volume control buttons to set playback level

## Music Commands

To	Proceed this way
Pause a Song	Press and release button
Resume Play	Press and release button
Skip to next song	Press button twice
Skip to Previous Song	Press button 3 times
<b>Activate AUX Playback*</b>	<b>Press button 4 times</b>
Activate Voice Control	Press/hold button for 2 seconds
Switch out of AUX Mode	Press and release button

## Phone Commands

To	Proceed this way
Answer call	Press and release button
End call	Press and release button
Reject incoming call	Press button twice (send call to Voice Mail)
Cancel outgoing call	Press button twice
Activate Voice Control	Press/hold button for 2 seconds

### Notes:

1. If playback is distorted, adjust volume on Bluetooth device.
2. **To reset Module press and Hold button for 5 seconds** (this will not un-pair phone or erase stored phones)
3. On incoming calls, ring tone will play on car speakers
4. Bluetooth range is approximately 30 ft. make sure device is within range of receiver
5. Voice command compatible with Apple (Siri), Android (Google Now), Blackberry (Assistant)
6. \* Control button does not control AUX device functions. Use AUX device built-in controls for music selection and controls.

**If successful go ahead and Reinstall the Radio**

## Frequent asked questions

1. **My Volvo does not have an AUX Jack, but radio is AUX Ready. Will this setup work?**  
If MODE button on dash panel switches radio to "AUX Audio input" (See Fig.29), the VOL-HF will work as described. Most vehicles with AUX Audio input mode includes an AUX Jack on the dash (armrest), however if yours is missing or broken, a separate aux input is available on the module. Simply connect your audio device there and press control button 4 times. **If Radio does not an AUX audio input Mode option, the VOL-HF will NOT work.**
2. **Will this installation disable my existing aux jack?**  
**NO; the factory aux jack remains functional and accessible by pressing control button 4 times.**
3. **Will my stereo mute when a call is made or received**  
If radio is in AUX Mode (Bluetooth mode) and a call is made or received, your smartphone will mute, however if in "CD" or "AM/FM" mode and a call is made or received, the radio must be switches to AUX Mode in order to complete the Bluetooth call (hear caller on car speakers etc)..
4. **Does this work with all Volvo Radios?**  
**NO; this adapter works with 2007-UP Volvo C30, S40, C70, V50, XC60 and others (e.g. XC90) with "AUX audio input" only. Radios must have a "MODE" button. Radios with "CD" button are not compatible**
5. **Will I be able to use the USB port to connect and play music from flash drives?**  
**NO. The USB port is for charging only.**
6. **Can I control Smartphone music from radio buttons?**  
**NO; Use control button and/or voice commands to operate device. Radio volume buttons/steering wheel can be used to set playback level.**

7. **Where is the best place to install control button/microphone?**

We found having the control button/mic mounted higher on the dash worked best, but we encourage users to experiment with different location and decide what works best for them.

8. **My second phone does not pair or able to find Bluetooth Module?**

In order to pair a second phone make sure no other phones are connected. Once Bluetooth is turned off, the device will be free and ready for pairing with another device.

**Disclaimer**

- This product has no affiliation with Volvo.
- There are no warranties expressed or implied by purchase of this product
- When possible professional installation is recommended

**For additional questions, email [support@discountcarstereo.com](mailto:support@discountcarstereo.com)**

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